

ABSTRACT

An instrument is provided to enables a dental professional to subject a surgical site simultaneously to (1) mechanical cutting, scraping and grinding, and (2) laser trimming and cauterization. As a result, simultaneous removal of diseased tissue and destruction of residual bacteria is enabled. The instrument comprises a hollow shank having, a rearward fitting, and a forward contact head. Within shank extends a fiber optic bundle. As shown, laser energy is delivered from a laser through the fitting and the laser bundle to the contact head. In the contact head are a surgical blade and an exit window for the laser energy.